

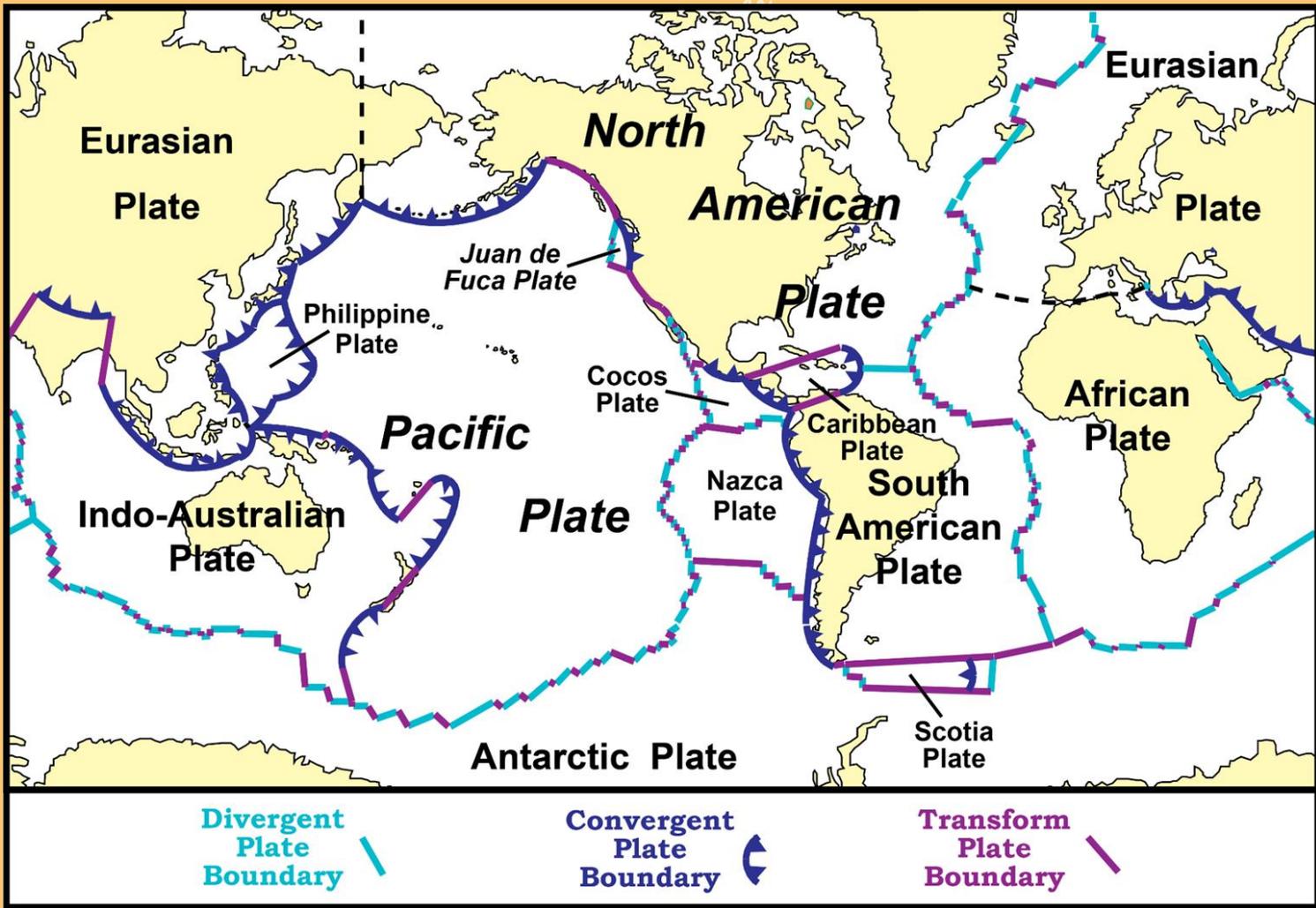


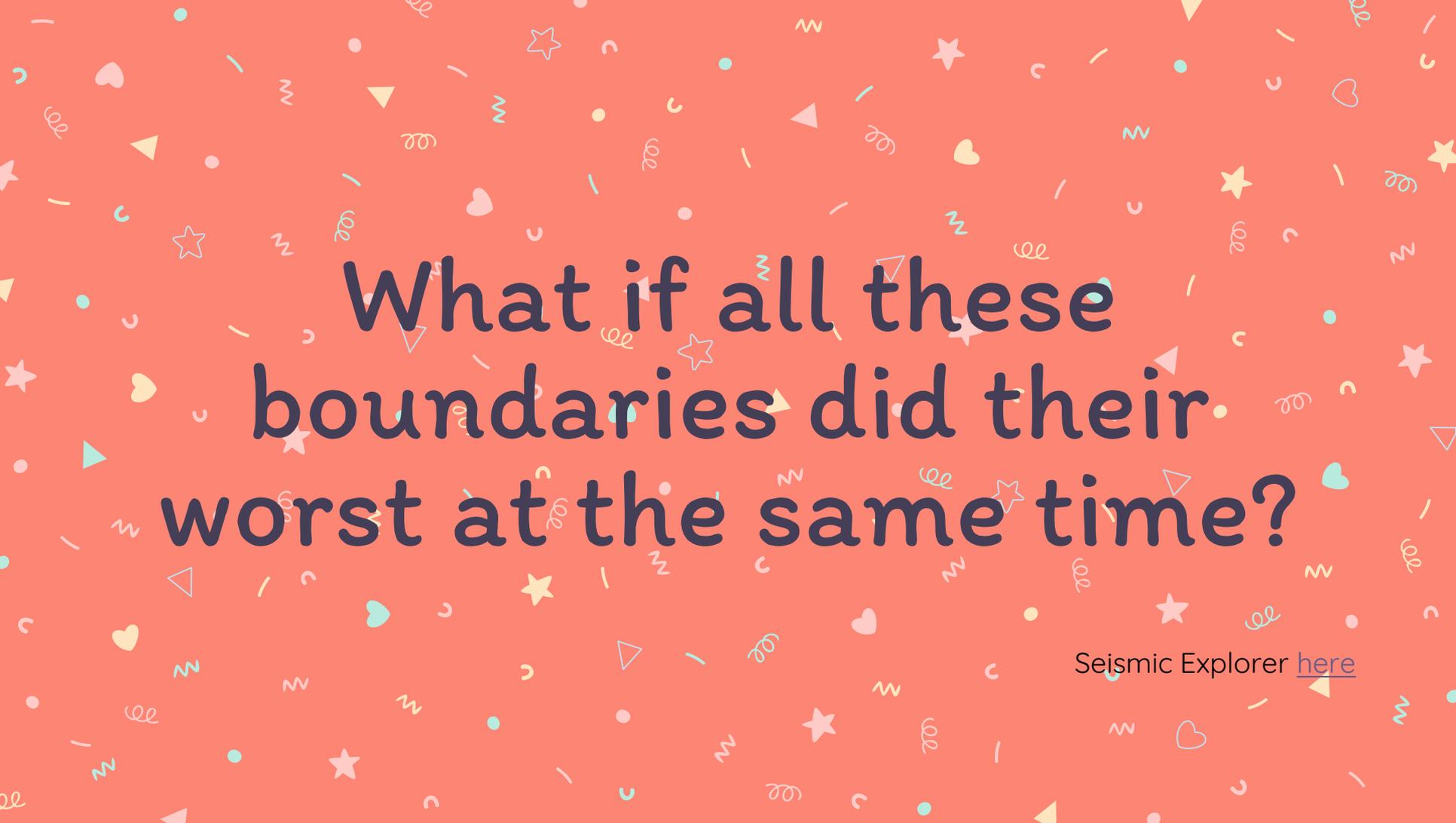
Why does it seem like some countries seem more affected by earthquakes, tsunamis, and volcanoes than others?

Indonesia

Indonesia is a country of over 17,000 islands which has a large amount of 5+ magnitude earthquakes a year, multiple volcanic eruptions a year, and is frequently hit by many tsunamis.







What if all these
boundaries did their
worst at the same time?

Seismic Explorer [here](#)



What if...

Evil aliens KNOW about these issues and have plans to use them for harm!

Virtual Lab: Geological Processes and Evil Plans

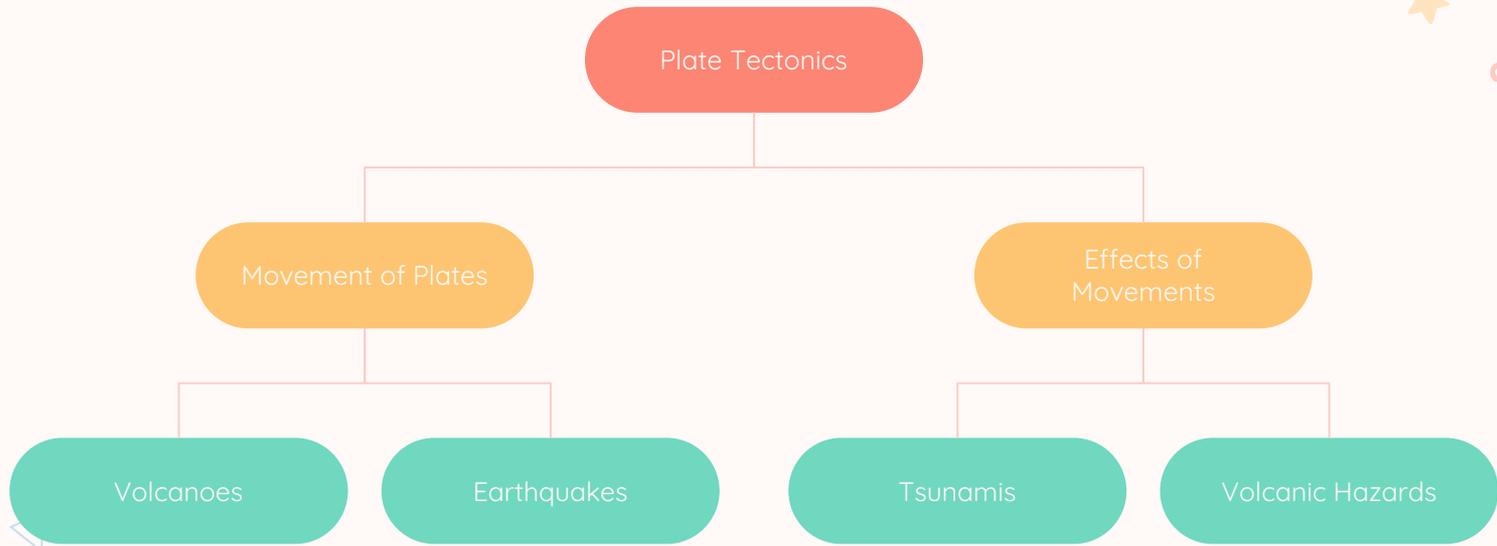


Plate Tectonics

Movement of Plates

Effects of Movements

Volcanoes

Earthquakes

Tsunamis

Volcanic Hazards

These plate-to-plate interactions...		can cause these effects.			
Boundary Type	Crust Type	Volcanoes	Ocean Basins	Earthquakes	Mountains
Divergent	Oceanic	X	X	X	X
	Continental	X	X	X	X
	Oceanic-Continental	-	-	-	-
Convergent	Oceanic	X	-	X	X
	Continental	X	-	X	X
	Oceanic-Continental	X	-	X	X
Transform	Any type of crust	-	-	X	-

Plate Tectonics Project

Plans have been found with evidence that aliens have evil plans to destroy the Earth by using its tectonic movements against it!

As Chief Geologist of the UN, your job is to understand their plans and to counter their actions with plans of your own!

Complete the attached Doc to think through the alien's plans, and to formulate your own solutions.

Then create a Google Slides presentation to show the rest of the UN council your ideas to help save planet Earth!



Analyze and Save the World!

There are two parts to this project

Project Paper

Fill out the Google Doc by answering the questions about plate tectonics, their effects, and how you would combat them.

UN Presentation

Take what you did on your project paper and make a presentation out of it. This would be shown in front of the UN Council.

UN Presentation Expectations

1. Talk about the problem
(what would happen with the plates moving)
2. Discuss your solution
(what are you doing to do about it)
3. Explain what needs to happen for your solution to happen
(what logistics need to occur for it to work)



What questions do
you have on this
project?